

SLAVNIN, G.P.

Beneficiation of kaelin from certain East-Siberian ore deposits.

Ogneupery 18 no.5:211-216 My '53. (MIRA 11:10)

1. Irkutskiy gerne-metallurgicheskiy institut. (Siberia, Eastern---Kaelin) (Ore dressing)

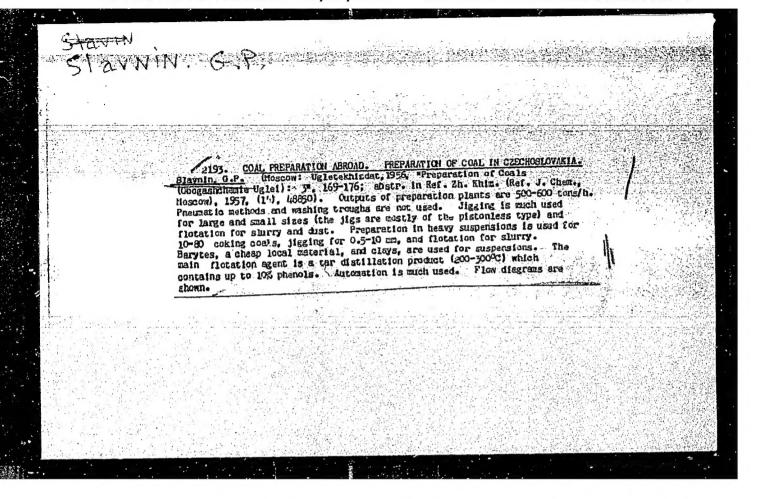
SLAUNIN, G.P. USSR/ Chemistry - Glass Card 1/1 Pub. 104 - 5/14 Authors Slavnin, G. P. Title * Purifying quartz sands Periodical : Stek. i ker. 11/11, 12-14, Nov 1954 Abstract A method was found for purifying certain Siberian quartz sands which cannot be used directly for making window glass. The method of testing the sands (which generally contain too much Fe₂O₃) is described, as well as the process by which the proportion of this undesirable ingredient can be reduced. Tables; illustrations. Institution: Submitted:

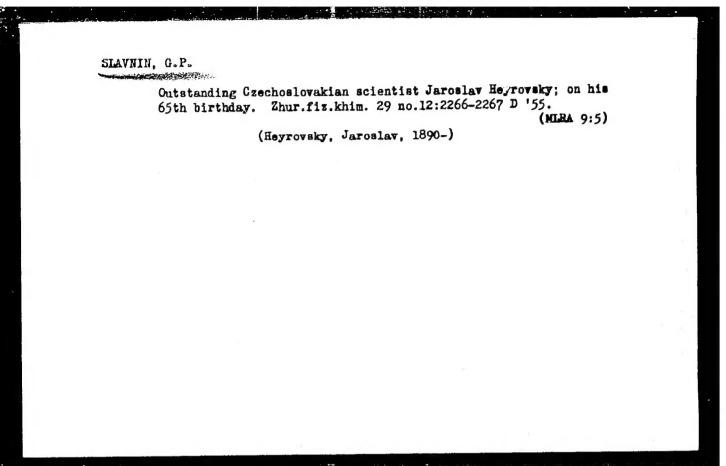
SLAVNIN.G.P., kandidat tekhnicheskikh nauk

Mining in Czechoslovakia. Nauka i zhizn' 22 no.8:52-54 Ag'55.

(MLRA 8:10)

(Czechoslovakia--Mines and mineral resources)





137-1957-12-22956

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 17 (USSR)

AUTHOR: SI

Slavnin, G. P.

TITLE:

Georgiy Agrikola (Georgiy Agrikola)

PERIODICAL: Kolyma, 1956, Nr 1, pp 46-47

ABSTRACT: The author points out the value of the works of Agricola who

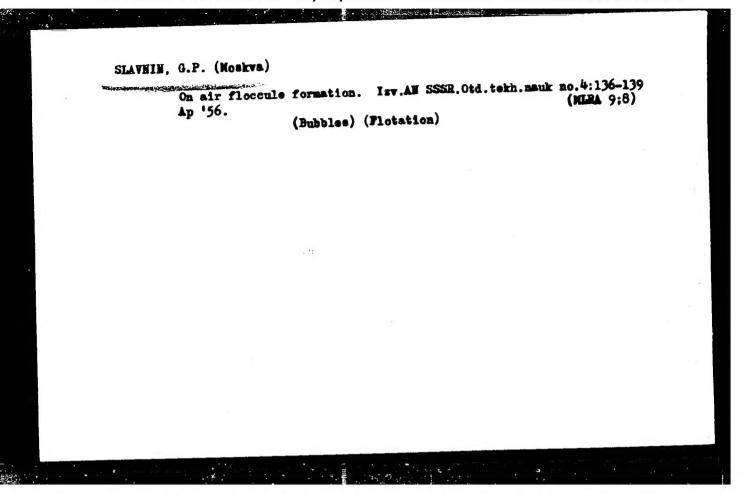
compiled man's ancient knowledge of mining and metallurgy. He

was active in the first half of the XVI century.

A. Sh.

1. Metallurgy 2. Geology

Card 1/1



SOV/137-58-9~18280

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9. p8 (USSR)

AUTHOR: Slavnin, G. P.

Flotatation-and-gravity Concentration of Apatite, Molybdenum, TITLE:

and Tungsten Ores (Flotogravitatsionnoye obogashcheniye

apatitovykh, molibdenovykh i vol'framovykh rud)

PERIODICAL: Tr. Irkutskogo gornometallurg. in-ta, 1956, Nr 11, pp 59-75

The results of investigation of several Siberian ores are ABSTRACT: presented. From an ore containing 7% P2O5 a flotation concentrate with 25 - 30% P₂O₅ was obtained with a recovery of the order of 80%. From Mo ores concentrates containing 50 - 54% Mo were obtained with 85 - 95% recovery. The concentration of poor hubnerite ores permitted to obtain a concentrate with 60% WO₂ at > 70% recovery.

1. Molybdenum ores--Processing 2. Tungsten ores--Processing

3. Molybdenum--Recovery

Card 1/1

SOV/137-58-8-16265

Translation from: Referativnyy zhurnal, Metallurgiya, 1958. Nr 8, p 4 (USSR)

Slavnin, G.P. AUTHOR:

Extraction of Mineral by Gravity Concentration, Flotation, and TITLE:

Table Flotation, Depending Upon Fineness of Comminution (Izvlecheniye minerala pri gravitatsii, flotatsii i flotogravi-

KARL The day of his one

tatsii v zavisimosti ot krupnosti izmel'cheniya)

Tr. Irkutskogo gornometallurg. in-ta, 1956, Nr 11, pp PERIODICAL:

76-90

For each ore or primary concentrate there is a fraction ABSTRACT:

range in which maximum recovery of the mineral is attainable. If the difference in the specific gravities of the components is inadequate or if naturally elevated hydrophobicity is present or (and) if the material is lamellar in shape, high extraction of the mineral by direct gravitation via concentration on the table is not possible. Recovery drops rapidly when the particle size is < 0.3 mm. Successful application of direct or inverted

froth flotation obtains at under 0.3 mm. Table flotation pro-

vides good recovery in the 1.2-3 mm fraction.

1. Ores--Processing Card 1/1 2. Minerals--Separation

A.Sh.

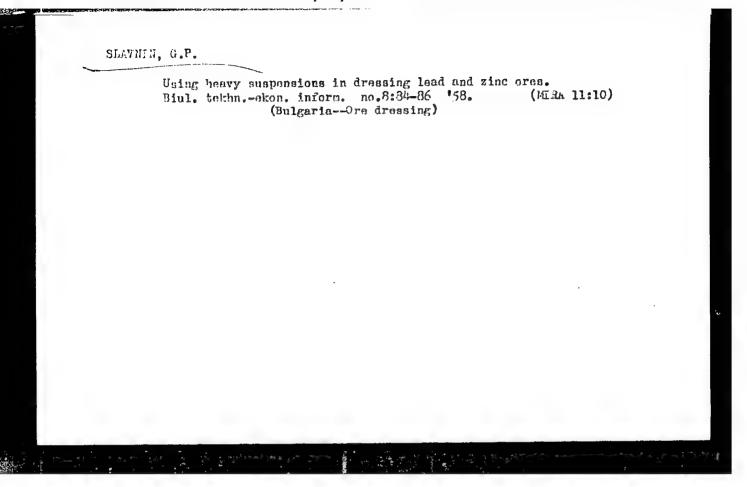
Slavnin, G.P. (Irkutskiy Mining-Metallurgical Institute) AUTHOR:

Some special features of the development of beneficiation of coals in Czechoslovakia. (Osobennosti razvitiya obogoshcheniya uglya v Chekhoslovakii). TITLE:

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No. 4, oo. 58 - 61, (U.S.S.R.)

A short review of Czech literature (6 references) on the ABSTRACT:

subject is given.



Coal preparation in Czechoslovakia. Biul.tekh.-ekon.inform.

(MIRA 11:12)

no.12:72-74 *58.

(Czechoslovakia--Coal preparation)

Dressing of titanium ores. Biul.tekh.-ekon.inform. no.12:77-80 (MIRA 11:12)

*58. (Titanium ores)

SLAVNIN, Geliy Porfir'yevich; PETRENKO, M.P., red.; PECHERSKAYA, T.I., tekhn.red.

[New methods of studying flotation; tagged atoms and high-speed motion pictures] Novye metody izucheniia flotatsii; mechenye atomy i skorostnaia kinos memka. Irkutsk, Irkutskoe knizhnoe izd-vo, 1959. 103 p. (MIRA 13:2) (Flotation) (Radioisotopes--Industrial applications) (Motion pictures in industry)

SLAVNIN, G.P.

Studying flotation and "float and sink" methods of separation using the method of high-speed motion-picture photography.

Izv.vys.ucheb.zav.; tsvet.met. 2 no.4:44-51 '59.

(MIRA 13:1)

1. Irkutskiy gornometallurgicheskiy institut. Kafedra obogashcheniy poleznykh iskopayemykh.

(Flotation) (Motion picture photography)

New techniques in coal preparation used in the United States and
England. Biul. tekh.-ekon. inform. no.10:84-88 '59.

(United States--Coal preparation)

(Great Britain--Coal preparation)

SLAVNIN, G.P.; GARBER, T.N., red.izd-va; LOMILINA, L.N., tekhn.red.

[Studying the flotation of mineral particles by high-speed motion picture photography] Izuchenie flotatsii mineral'nykh chastits metodom skorostnoi kinos memki. Moskva, Gos.nauchnotekhn.izd-vo lit-ry po gornomu delu, 1960. 36 p.

(MIRA 13:8)

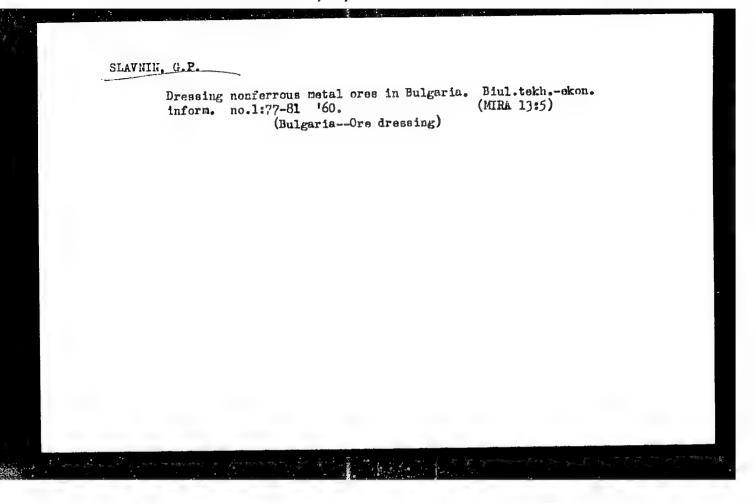
(Flotation) (Motion picture photography, High speed)

SLAVNIN, Geliy Porfir'yevich; TROITSKIY, A.V., insh., otv.red.; GARBER,
T.N., red.izd-ve; IL'INSKAYA, G.M., tekhn.red.

[Flotation and gravity separation of coarse impregnated ores]
Flotatsiia i flotogravitatsiia krupnovkraplennykh rud. Moskva,
Gos.,nauchno-tekhn.izd-vo lit-ry pe gornomu delu, 1960. 130 p.

(Flotation)

(Flotation)



SLAVNIN, G.P.

Main conditions for the effectiveness and a typical flowsheet of gravity flotation. Izv. vys. ucheb. zav.; tsvet. met. 3 no.4:28-31 '60.

(MIRA 13:9)

l. Irkutskiy gornometallurgicheskiy institut. Kafedra obogazhcheniya poleznykh iskopayemykh.

(Flotation)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651310013-0"

SLAVNIN, G.P ...

Investigations on problems of ore dressing in the Scientific Institut of the Czechoslovak Republic. TSvet.met. 33 no.1: 91-92 Ja '60. (MIRA 13:5)

(Czechoslovakia--Ore dressing)

SLAVNIN, G.P.; LEONOV, S.B.; PAVLOVA, G.D.

"Flotation" by V.A.Glembotskii, V.I.Klassen, I.N.Plaksin. Reviewed by G.P.Slavnin, S.B.Leonov, G.D.Pavlov. Izv.vys.ucheb.zav.; tsvet. met. 5 no.1:164 '62. (MIRA 15:2) (Flotation) (Glembotskii, V.A.) (Klassen, V.I.) (Plaksin, I.N.)

The first of the f

TUTURINA, W.V.; SLAVNIN, G.P.; SOLNYSHKIN, V.I., otv. red.;
GADZHINSKAYA, M.A., red.izd-va; BOLDYREVA, Z.A.,
tekhn. red.

[Organic chemistry and flotation agents]Organicheskaia khimia i flotoreagenty. Moskva, Gosgortekhizdat, 1962. 187 p. (MIRA 16:3)

(Flotation) (Chemistry, Organic))

PAVLOVA, G.D., SIAVNIN, G.P.

Ways of improving the quality of molybdenum concentrate. Trudy IPI no.20:88-95 163.

Dressing of lean, molybdenum ore of the lode type. 1bid.196-98

(MIRA 18:2)

GUBAREVICH, G.P.: SIAVNIN, G.P. Complete utilization of lead-zinc ores of Eastern Siberia. Report No.1. Trudy IPI no.20:111-115 '63.

(MIRA 18:2)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651310013-0"

Park Granen

ACCESSION NR: ARLO36254

8/0137/64/000/003/0005/0005

SOURCE: Referativnywy shurnal. Metallurgiya, Abs. 3028

AUTHOR: Nadol'skiy, A. P.; Slavnin, G. P.; Fedorov, B. T.; Kidyarov, B. I.

TITLE: Preparation of quality-standardised titanium concentrates from titanium ores of low concentrating capacity

CITED SOURCE: Tr. Irkutskogo politekhn. in-th, wywp. 18, 1963, 156-159

TOPIC TAGS: Titanium concentrate preparation, ilmenite, zircon, rutile, siderite, titanium ore dressing, titanium dioxide extraction

TRANSLATION: The possibility of obtaining a Ti concentrate by using gravity concentration and electromagnetic separation was investigated. The mineralogical composition of the sample was (in \$): ilmenite 0.5, zircon 0.01, rutile 0.02, etc. Ilmenite concentrates in fine clay classes. The technological process recommended includes the scaking and desliming of Ti-containing clays with a high siderite content, concentration on a table and electromagnetic separation of sands, acid leach-

Card 1/2

ACCES	SION N	ir. arli03625	<u> </u>	. •
ing of the magnetic fraction for the purpose of dissolving siderite, and magnetic separation of the solid products of hydrometallurgical processing. Quality-standardized Ti concentrates containing 26.6% TiO2 were thus obtained. A. Shmelsva.				
DATE .	ACQ	17Apr64	SUB CODE: NL ENGL: CO	:
				a v denoted dimension
		•		to a sample mapping of the lates

SLAUNIN, G.P.

Investigating the mechanism and kinetics of the contact of an air bubble with the mineral surface. Trudy IPI nc. 20:3-15 143.

Analysis of the distribution of mineral components and their concretions in the flotation of certain large fraction impregnated ores. Ibid.:16-26 (MIRA 18:2)

SLAVNIN, G.P.; OSTRIHONOVA, Marina, inz. [translator]

Contribution to the problem of mechanism and kinetics of air bubble adhesion to the mineral surface. Rudy 12 no.9:337-339 S 164.

1. Irkutsk Polytechnic Institute, U.S.S.R. (for Slavnin).

SLAVNIN, M. I.

"Electric Loads and Primary Distribution of Electric Power in Industrial Enterprises" (Elektricheskiye nagruzki i pervichnoye raspredileniye elektricheskoy energii v promyshlennykh predpriyatiyakh), Gosenergoizdat, 1949, 240 pp.

USSR/Electricity - Power Plants Bus Bars Apr 50

"Self-Contained System of Bus Bars at Electric Stations and Substations," M. I. Slavnin, Cand Tech Sci, 5 pp

"Elek Stants" No 4

Two collector bus-bar systems--one main and one reserve--are usually used at central step-down substations and at power stations where much power is distributed at generator voltage. Slavnin states his case for fitting only one system. Editor invites comments.

158T17

J. J. J. L. 1.

178738

USSR/Electricity - Transmission

Buch Beer Son F

Feb 51

"Regarding L. I. Dvoskin's Article 'A New System of Connections for Large Electric Power Stations' ('Elektrichestvo' No 5, 1950)," M. I. Slavnin, Cand Tech Sci, Moscow Dept of "Teploelektroproyekt," N. N. Krachkovskiy, Cand Tech Sci, "Gidroenergoproyekt"

"Elektrichestvo" No 2, pp 86, 87

Slavnin criticizes Dvoskin's proposal on doubled generator-transformer units on grounds that Dvoskin picked very special case (6 turbogenerators of 50,000 kw each and delivery of all power at 220 kv). Krachkovskiy contends method would bring no real advantages.

178T38

SLAVNIN, Mikhail Ippolitcvich; IOKHVIDOV, E.S., inzh., retsenzent;

LARIONOV, G.Ye., tekhm. red.

[Electrical equipment of electric power plants and transformer substations] Elektrooborudovanie elektricheskikh stantsii i transformatornykh podstantsii. Moskva, Gosenergoizdat, 1963. 551 p. (MIRA 17:2)

SLAVNIN, N. I., and MEDINSKIY, G. M.

"The Problem of the Carrying of Leptospira of the Monyakov Type (DV-B) by Gray Rats in the Estonian SSR," by N. I. Slavnin and G. M. Medinskiy, Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, Vol 27, No 9, Sep 56 pp 77-60

In a study of regional epidemiology conducted December 1956-April 1955, an attempt was made to demonstrate reservoirs of leptospirosis among rodents in the Estonian SSR. Various species of rodents were trapped in different areas of the republic and were examined bacteriologically and serologically by standard methods. The first of two tables which are included shows positive results of the investigation of gray rats exhibiting two strains of Leptospira, Monyakov (DV-B) and grippotyphosa. The second table shows that results of agglutination and lysis reactions with sera from rats from which cultures of Leptospira of the Monyakov type had been isolated were more sharply pronounced with homologous cultures than with cultures of the grippotyphosa type.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651310013-0"

The following conclusions were derived from these results:

- "1. The fact that gray rats carry Leptospira in the Estonian SSR was established for the first time. Through these observations it was noted that foci in which gray rats carried Leptospira of the Monyakov (DV-B) type were very small.
- "2. In a significant percentage of the sera of gray rats investigated by the agglutination-lysis reaction, antibodies to the Monyakov and grippotyphosa types of Leptospira were observed. The frequent observation of agglutinins to the grippotyphosa type in the blood of gray rats requires further study.
- "3. The positive results from the research has once more emphasized the necessity for more intensive study of the problems of regional epidemiology."

Jum 1258

SLAVNIN, N.I., nolkovnik meditsinskoy sluzhby; VERKHOLOMOV, Ye.Ye., kand.

med. nauk, podpolkovnik meditsinskoy sluzhby; LEBED'KO, G.I.,
polkovnik meditsinskoy sluzhby; KELLEZ, A.A., mayor meditsinskoy
sluzhby; GAL'PERIN, Ya.L., nodpolkovnik meditsinskoy sluzhby.

Epidemiology of Salmonella heidelberg infection. Voen. med. zhur.
no.4:20-23 Ap '59.

(SALMONELLA INFECTIONS,
heidelberg, food pois, (Rus))

SLAVNEN, V. S.

PA 59/49t89

USSR/Medicine - Water Purification Feb 49 Medicine - Helminthology

"Helminthoscopic Studies of Waters in Open Reservoirs," V. S. Slavnin, 1 p

"Gig i San" No 2

Sverdlovsk Oblast Sanitation and Hygienic Inst recommends that studies of the purity of water in reservoirs include: (1) complete helminthoscopic studies of the water, (2) discussions to determine optimum methods for control of helminths in reservoirs, (3) publication of new revised manuals for the maintenance of purity of water reservoirs.

59/49189

MEDVINSKAYA, K.G.: SLAVNIN, V.S., kandidat meditsinskikh nauk, direktor; PERETTS, L.G., professor, rukovoditel' raboty.

Changes in the duration of preservation of dysentery bacilli in water in connection with changes of their biological properties (Author's abstract). Zhur.mikrobiol.epid.i immun. no.7:76-77 Jl '53. (MLRA 6:9)

1. Sverdlovskiy sanitarno-gigiyenicheskiy institut.

(Dysentery)

3	SI	AV NT	BTA	C.	D.

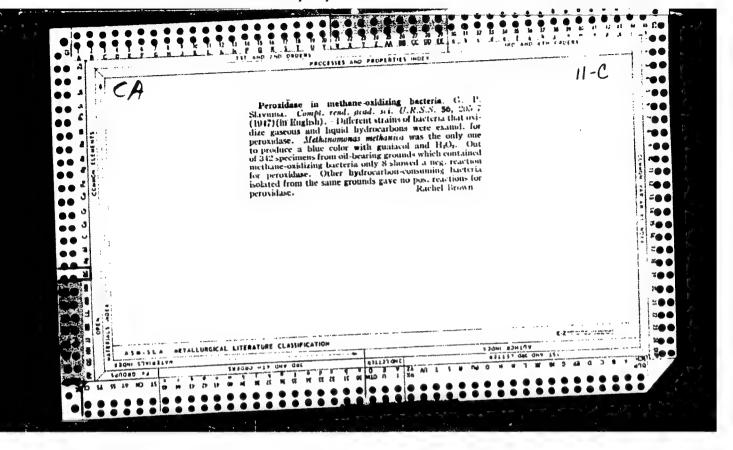
- 2. USSR (600)
- 4. Microorganisms
- 7. Detection of methane-oxidizing bacteria by the fermentation method. [Abstract.] Izv.Glav.upr.geol.fon. no. 3, 1947.

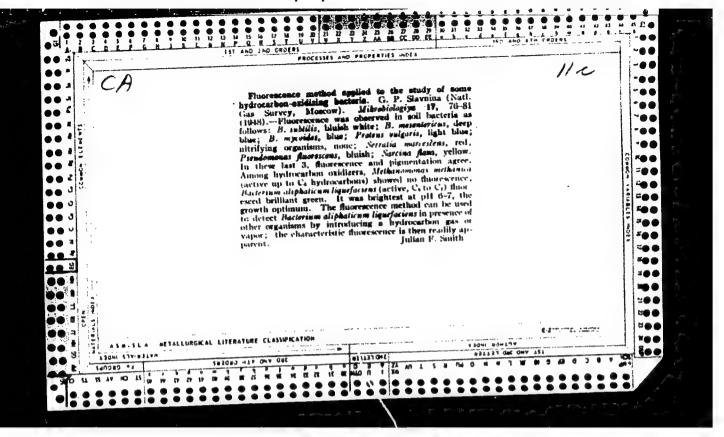
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

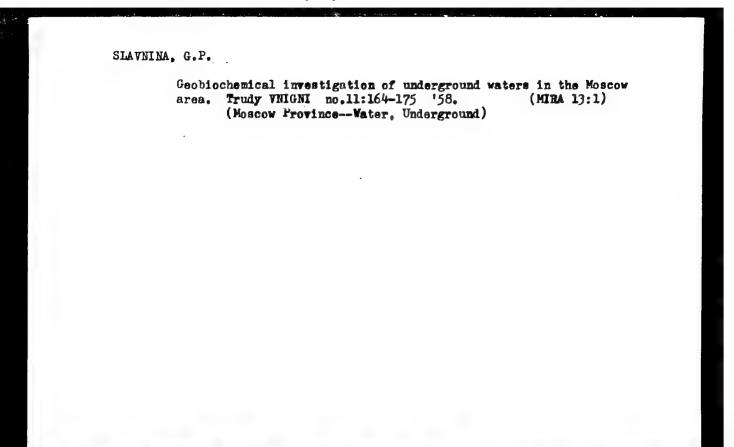
1.	STA	THE	NA .	C	P.
1.	2111	4 104	11::-	12.	1 -

- 2. USSR (600)
- 4. Microorganisms
- 7. Development of the luminescent method for detecting bacteria which oxidize hydrocarbons. Izv.Glav.upr.geol.fon. no. 3, 1947.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.







Stadying bacterial processes in underground oxidation of hydrocarbons. Mikrobiologiia 30 no.6:985-989 N-D '61. (MIRA 14:12) 1. Vsesoyuznyy nauchno-issledovatel'skiy geologo-razvedochnyy neftyanoy institut. (OIL FIELD BRINKS-MICROBIOLOGY) (GAS, NATURAL)

SLAVNINA, G.P.

Decane-oxidizing bacteria isolated from the subsurface waters of northern Ciscaucasia. Mikrobiologiia 32 no.3:403-404 My-Je'63 (MIRA 17:23)

l. Vsesoyuznyy nauchno-issledovatel'skiy institut yadernoy
geofiziki i geokhimii.

L 41611-65.

ACCESSION NR: AT5008845

\$/0000/64/000/000/0056/0061

.. 14 1... 21 48

AUTHOR: Slavnina, G. P.

13+1

TITLE: Prevalence of bacteria in high temperature waters in gas and oil fields

SOURCE: Vsesoyuznyy nauchno-issledovatel'skiy institut yadernoy geofiziki i geokhimii. Pryamyye metody poiskov nefti i gaza; nestepoiskovaya geokhimiya (Direct methods of prospecting for oil and gas; oil prospecting geochemistry. Moscow, Izd-vo Nedra, 1964, 56-61

TOPIC TAGS: bacteriology, petroleum industry, gas, oil, microbiology

ABSTRACT: This article gives the results of microbiological research in subterranean water of the Krasnodarsk and Stavropol regions. Water from the boring wells in these regions consists of two main types: sodium hydrocarbonate and calcium chloride. This water is rather hot: 80-90° and higher at the well bottom, 33-70° at the mouth of the well. The bacteria found in Tertiary and Cretaceous water-bearing strata of the Krasnodarsk and Stavropol regions oxidize hydrocarbons, reduce sulfates and nitrates, and form methane. Among the hydrocarbon microflora, bacteria which oxidize decane and octane are most numerous. Propane and butane

Card. 1/2

L 41611-65 ACCESSION NR: AT5008845

oxidizing bacteria are also frequently encountered. Heptane oxidizing bacteria are rarely found. Methane oxidizing bacteria, although encountered quite frequently, are not characteristic of these deep waters since many strains of these bacteria do not survive high temperatures (40-50°C) under laboratory conditions. The bacteria found in high temperature water are either heat-tolerating or typical thermophiles (most of the strains which oxidize decane and octane). Some of the strains which oxidize propane and butane also multiply successfully at high temperatures. The 30 strains of bacteria taken from the hot water belong to three species: Mycobacterium, Pseudomonas and Bacterium. The thermophilic variants of bacteria are described: those which oxidize butane-Mycobacterium lutem var. thermophillum; octane oxidizers -- Pseudomonas fluoresceus var. thermophillus; decane oxidizers--Pseudomonas putida var. thermophillus. Orig. art. has: 2 figures, 4 tables.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel skiy institut yadernoy geofiziki i geokhimii (All-Union Scientific Research Institute of Nuclear Geophysics and Geochemistry)

SUBMITTED: 10Sep64

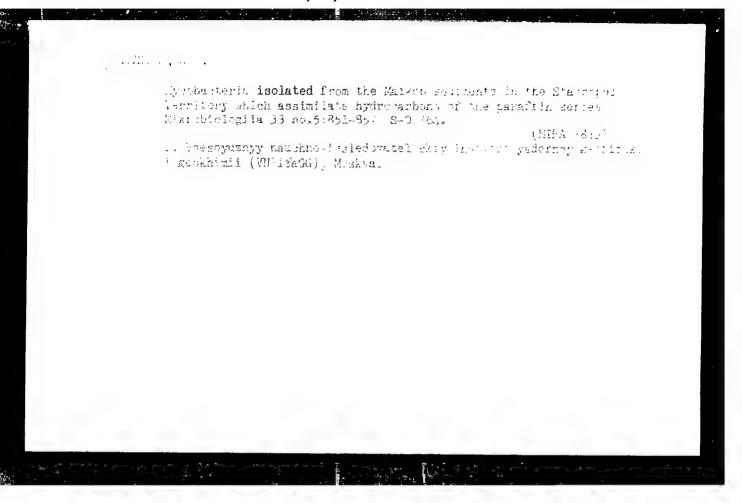
ENCL: 00

SUB CODE: ES, LS

NO REF SOV: 014

OTHER: 001

Card 2/2 10



IVANOV, M.V.; MOGILEVSKIY, G.A.; SLAVNINA, G.P.

Symposium on petroleum microbiology, Czschoslovakia, Brno,
Oct. 4-9, 1964. Izv. AN SSSR. Ser. bicl. no.5:799-803 S-0 165.

(MIRA 18:9)

SLAVNINA, G.P.

Naphthalene oxidizing bacteria in the underground waters of oil fields. Mikrobiologiia 34 no.1:128-132 Ja-F '65.

(MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut yadernoy geofiziki i geokhimii, Moskva.

IOGANZEN, B.G.: SLAVNINA, T.P.

"Izvestiia" of the Eastern Siberian division of the Geographic Society of the U.S.S.R. Vol.58, 1954. Reviewed by B.G. Ioganzen, T.P. Slavnina. Izv.Vses.geog.ob-va 88 no.4:404-405 J1-Ag '56.

(MIRA 9:10)

(Geography -- Periodicals)

: USSR COUNTRY CATEGORY J : Soil Science. Soil Biology. : RZhBiol., No. 3 1959, No. 10664 ARS, JOUR. AUTHOR : Slevnina, T. P. DIST. : Tomak University TITLE : Fracesses of Ammonification and Nitrification in Some Soils of Siberia. ORIG. PUB. : Tr. Tomakogo un-ta, 1957, 140, 38-49 ADSTRACT : Results are cized of the energy of ammonification (A) and nitrification (N) processes in turf-podzolic, gray forest; soils, chernozems, Solonetz and Solonchak soils in different oblasts of Siberia. The processes of (A) and (N) proceed differently in these soils, depending on the genetic characteristics of the soils. To increase yields of agricultural crops on the chernozem, dark-gray forest soils and to some extent on elongated columner Solonetz souls, application of nitrogen fertilizers is not recommended as much as a variation in an efficient tillage of the soil in order to stimulate their biochemical activity. The author CARD: 1/2

USSR/Cultivated Flants. Technical Flants. Oil and Sugar Bearing Plants.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68282

: Zaytsev, P. A., Slavnina, T. i., Tyumentsev, Luthor

H. F. : Tonsk University. Inst

: Utilizing Teat-Bog Todsolic Soils for Planting Fiber-Flex in the Forthern Rayons of Tomsk Ob-Titlo

last!

Orig Pub : Tr. Tonskogo un-ta, 1957, 140, 113-119

Abstract : No abstract.

: 1/1 Card

SIAVNINA, T.P.; POTEKHINA, L.I.; KUZNETSOVA, Z.D.; SIMONOVA, Ye.I.

Characteristics of soil in the rhizosphere zone of winter rye' and oats in dark-gray and gray forest soils. Hauch.dokl.vys. shkoly;biol.nauki no.4:190-198 '58. (MIRA 11:12)

1. Rekomendovana kafedroy pochvovedeniya Tomskogo gosudarstvennogo universiteta imeni V.V.Kuybysheva.
(Rhizosphere microbiology) (Rys) (Oats)

SLAVNINA, T.P.

Effect of the desalinization process on the amount and mobility of nutritive substances in Meadow Solonchak soils of Baraba Steppe. Izv. Sib. otd. AN SSSR no.7:89-95 159. (MIRA 12:12)

1. Tomskiy gosudarstvennyy universitet.
(Raraba Steppe--Solonchak soils) (Soil fertility)

(SLAVNINA, T.P.

Effect of soil moisture on nitrogen mobilization. Nauch.dokl.vys. shkoly: biol.nauki no.4:221-226 '60. (MIRA 13:11)

1. Rekomendovana kafedroy pochvovedeniya Tomskogo gosudarstvennogo universiteta im. V.V.Kuybysheva.
(SOIL MOISTURE)

(SOIL MOISTURE)
(NITRIFICATION)

SLAVNINA, T.P.; BURLAKOVA, L.M.

Nature of the accumulation of available forms of nitrogen in fractions of water-resistant macroaggregates isolated from soils. Nauch. dokl. vys. shkoly; biol. nauki no.2:226-231 '61. (MIRA 14:5)

1. Rekomendovana kafedroy pochvovedeniya Tomskogo gosudarstvennogo universiteta im. V.V.Kuybysheva.
(SOIL PARTICLES) (SOILS—NITROGEN CONTENT)

PASHBUNA, C.Ye.; CLAVNINA, T.P.; SEREBRENNIKOV, V.V.

Content of rare earth elements and thorium in principal soils of Tomsk Province. Izv. SG AN SSSR nc.4 Ser. biol.-med.mauk no.1:48-52 65. (MIRA 18:8)

1. Tomskiy gosudarstvennyy universitet.

SLAVNITSKAYA, N.N., red.; AZOVKIN, N.C., tekhn. red.

[First major industrial chemical complex] Pervenets bol'shoi khimii. Riazan', Riazanskoe kmizhnoe izd-wo, 1960. 78 p. (MIRA 16:9)

(Ryazan-Textile factories)

SMIRENSKIY, Georgiy Mikhaylovich; ARTEMENKO, Mikhail Pavlovich; SLAVNITSKAYA, N.N., red.; AZOVKIN, N.G., tekhn. red.

[Houses on piles] Doma na svaiakh. Riazan', Riazanskoe knizhnoe izd-vo, 1961. 21 p. (MIRA 14:11)

l. Nachal'nik proyektnoy gruppy tresta "Ryazan'zhilstroy" (for Smirenskiy). 2. Glavnyy inzhener tresta "Ryazan'zhilstroy" (for Artemenko).

(Ryazan—Foundations)

KAZNACHEYEV, Aleksandr Arkhipovich; SLAVNITSKAYA, N.N., red. AZOVKIN, N.G., tekhn. red.

[Electrification of farms in Ryazan Province]Elektrifikatsiia riazanskogo sela. Riazan¹, Riazanskoe knizhnoe izd-vc, 1961.

(MIRA 16:1)

1. Nachal'nik upravleniya Moskovskogo stroitel'no-montazhnogo tresta Glavnogo upravleniya elektrifikatsii sel'skogo kho-zyaystva Ministerstva sel'skogo i gorodskogo stroitel'stva RSFSR (for Kaznacheyev).

(Ryazan Province-Rural electrification)

(MIRA 15:12)

KLEPIKOV, Mikhail Maksimovich, inzh.; SLAVNITSKAYA, N.N., red.;
AZOVKIN, N.G., tekhn. red.

[Economize nonferrous metals] Ekonom'te tsvetnye metally.
Riazan', Riazanskoe knizhnoe izd-vo, 1962. 15 p.

(Nonferrous metals)

GOLOVITSYN, Yuriy Kuz'mich; ZHARKOV, Petr Aleksandrovich, starshiy inzh.; SLAVNITSKAYA, N.N., red.; AZOVKIN, N.G., tekhn. red.

[Progressive procedures should be adopted in founding]Liteinorm proizvodstvu - progressivnuiu tekhnologiiu. Riazan', Riazanskoe knizhnoe izd-vo, 1962. 32 p. (MIRA 15:12)

1. Glavnyy metallurg upravleniya mashinostroitel'noi i radiotekhnicheskoy promyshlennosti Ryazanskogo sovnarkhoza (for Golovitsyn). 2. Upravleniye mashinostroitel'noy i radiotekhnicheskoy promyshlennosti Ryazanskogo sovnarkhoza (for Zharkov). (Founding)

s/020/62/145/004/018/024 B110/B144

: ZRCHTUL

Ryabov, A. V., Semchikov, Yu. D., and Slavnitskaya, N. N.

TITLE:

Effect of dimethyl formamide additions on the composition of copolymers of methacrylic acid with methyl methacrylate and

with styrene

Akademiya nauk SSSR. Doklady, v. 145, no. 4, 1962, 822 . 824

TEXT: The effect of adding dimethyl formamide and ethyl alcohol to mixtures of methacrylic acid with methyl methacrylate and of methacrylic acid with styrene was studied by viscosimetry. Results: (1) A distinct maximum occurring in the viscosity - composition curve proved the formation of hydrogen bonds between the carboxyl group of methacrylic acid and the polar additions. (2) Increasing the additions, particularly of dimethyl formamide, decreases the proportion of methacrylic acid because complexes are formed which diminish the reactivity. Such additions result in increasing the copolymerization constant $r_1 = K_{11}/K_{12}$ and in decreasing $r_2 = K_{22}/K_{21}$ owing to the loss in reactivity and consequent reduction of

Card 1/2

AVDYUSHKIP, N.; SLAVEITSKAYA, N.N., red.; AZOVKIN, N.G., tekhn.
red.

[Innovators in petroleum chemistry are suggesting] Novatory
neftekhimii sovetuiut. Riazan', Riazanskoe knizhnoe izdvo, 1963. 15 p.

(Petroleum chemicals)

CHEKUSHIN, M.V., inzh.; SLAVNITSKAYA, N.N., red.

[Manufacture of bimetal parts] Proizvodstvo bimetallicheskikh detalei. Riazan', Riazanskoe knizhnce izd-vo, 1963. 15 p. (MIRA 17:5)

1. Ryazanskiy zavod tyazhelogo kuznechno-pressovogo obo-rudovaniya (for Chekushin).

OVDIYENKO, Nikolay Petrovich, gor. inzh.; SLAVNITSKAYA, N.N., red.; AZOVKIN, N.G., tekhn. red.

[Circular timbering in mines of the "Oktiabr'ugol!"
Mining Trust] Kol'tsevoe dereviannoe kreplenie gornykh
vyrabotok na shakhtakh tresta "Oktiabr'ugol'." Riazan',
Riazanskoe knizhnoe izd-vo, 1963. 47 p.

(MIRA 17:1)

ACCESSION NR: AP4016510

S/0020/64/154/005/1135/1138

AUTHOR: Ryabov, A. V.; Semchikov, Yu. D.; Slavnitskaya, N. N.; Vakhrusheva, V. N.

TITLE: The possibility of regulating the degree of rotation in the copolymerization of styrene with 2-vinylpyridine

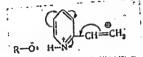
SOURCE: AN SSSR. Doklady*, v. 154, no. 5, 1964, 1135-1138

TOPIC TAGS: rotation control, styrene vinylpyridine copolymer, vinylpyridine, polarity, polarity change, vinylpyridine complex, proton donor, dissociation constant, double bond polarity

ABSTRACT: To create copolymerization conditions assuring rotation in the styrene-2-vinylpyridine copolymer, the polarity of the double bond of one of the monomers must be changed. The polarity of the double bond of the 2-vinylpyridine was changed by forming complexes, with proton donor materials which formed a hydrogen bond with the nitrogen atom, decreasing the electron density of the 2-vinylpyridine:

____1/3

ACCESSION NR: AP4016510



The importance of the structure of this complex increases with the increase in proton donor properties of R-O-H; it can be evaluated by the dissociation constant of its aqueous solutions. The greater the dissociation constant of the material, the more the electron density of the double bond decreases; the greater the difference in polarity of the double bonds of the monomers, the greater the degree of rotation and the smaller the product r₁·r₂. The effect on the rotation of the monomers during copolymerization of acetic acid, phenol, methanol and ethanol decreases in the given order. In the equation

$$\lg \frac{r_1^0 \cdot r_2^0}{r_1 \cdot r_2} = - (p_1 + p_2) \text{ pK}.$$

2/3

ACCESSION NR: AP4016510

the relationship between the lg $(r_1^0 \cdot r_2^0 / r_1 \cdot r_2)$ and the pK is a straight line function. Thus it is possible to obtain a copolymer with the desired structure by copolymerization in a given medium if the pK of the "acid" solution is known. Orig. art. has: 3 figures and 3 equations.

ASSOCIATION: Nauchno-issledovatel-skiy institut khimii pri Gor'kovskom universitete im. N. I. Lobachevskogo (Scientific Research Institute of Chemistry at the Gor'kov University)

SUBMITTED: 040ct63

DATE ACQ: 12Mar64

ENCL: 00

SUB CODE: CH, PH

NO REF SOV: 002

OTHER: 004

card 3/3

FIABOV, A.V.; SEMCHIKOV, Yu.D.; SLAVNITSKAYA, N.N.

Complex formation of methacrylic acid and 2-vinylpyridine with polar compounds. Trudy po khim.i khim.tekh. no.1:161-164 163. (MIRA 17:12)

GROTOV, D., zhurnalist; SLAWNITSKAYA, N.N., red.

[IUrii Berezin and his friends] IUrii Berezin i ego
druz'ia. Riazan', Riazanskoe knizhnoe izd-vo, 1963. 39 p.
(MIRA 18:7)

SLAVNITSKIY, Ye.

Organization of a training camp. Voen. znan. 38 no.7:34-35 J1 '62. (MIRA 15:6)

1. Nachal'nik shkoly grazhdanskoy oborony Moskvoretskogo rayona Moskvy.

(Military training camps)

SLAVNITSKIY, Ye.

How to equip school civil defense training lots. Voen.znan.
38 no.12:28-29 D '62. (MIRA 15:12)

1. Nachal'nik shkoly grazhdanskoy oborony Moskvoretskogo rayona. (Civil defense—Equipment and supplies)

SLAVNOV, A.A.

Theory of Green's functions of vector fields. Zhur. eksp. 1 teor. fiz. 44 no.3:1119-1121 Mr *63. (MIRA 16:3)

1. Matematicheskiy institut AN SSSR.
(Potential, Theory of) (Quantum el

(Quantum electrodynamics)

SLAVNOV, A.A., STABAD A.Te.

Elimination of morphysical characteristics in the Feinberg - Pais field theory of weak interactions, IAd. fiz. 1 no.4: "21-728 Ap '65. (MIRA 18:5)

1. Matematicheskiy institut im. V.A.Steklova AN SSSR i Fizichaskiy institut im. P.N.Lobedeva AN SSSR.

SLAVNOV, A.A.

Solution of the Bethe-Salpeter equation in the theory of the chart i vector meson. IAd. fiz. 2 nc.1:190-197 Jl '65. (MIRA 18:8)

1. Matematicheskiy institut im. V.A.Staklova AN SSSR.

Proparation of dry perfumes. Masl.-zhir.prom. 25 no.10:37-39
(159.

1. Leningradskaya fabrika "Severnoye siyaniye."
(Leningrad--Perfumes)

2:(1),21(7)

Slavnov, D.A., and Sukhanov, A.D. AUTHORS:

SOV/155-58-3-36/37

TITLE:

Application of the Indefinite Metric for the Calculation of the M-decay (Primeneniye indefinitnoy metriki k raschetu A-raspada)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki,

1958. Nr 3, pp 215-220 (USSR)

ABSTRACT:

The electron spectrum in the M-decay is described sufficiently well by the Michel-number, the experimental value of which is 0.68. The theory Ref 1 yields 0.75. Lee and Yang Ref 2 put aside this discrepancy by the introduction of a certain not local Lagrangian and they interpreted the not local effects as certain processes caused by an intermediate boson. The authors try to explain the experimental value 0.68 by the introduction of Bose-fields with an indefinite metric. Furthermore it is stated that in general the introduction of quantized Bose-fields with an indefinite metric leads to the same results as the method of Lee and Yang.

Card 1/2

24(5) AUTHORS:

Slavnov, D. A., Sukhanov, A. D.

SOV/56-36-5-26/76

TITLE:

On Causality in the Theory With an Indefinite Metric (O prichinnosti v teorii s indefinitnoy metrikoy)

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 36, Nr 5, pp 1472-1479 (USSR)

ABSTRACT:

Heisenberg's suggestion (Ref 1) to operate with an indefinite metric in order to eliminate the divergences in the field theory meets with a number of difficulties which are connected with the necessity of introducing "nonphysical" fields. Methods have already been worked out for the purpose of eliminating nonphysical states from the asymptotic expressions of the observable quantities and to re-establish unitarity of the scattering matrix. However, the problem of causality, which would be of great interest especially in this case, was not investigated. In the present paper the authors investigate the possibility of constructing a macroscopic theory with the indefinite metric in the case of sufficiently generalized assumptions. The unitary macroscopic scattering matrix is constructed within the framework of the perturbation theory with the aid of the Lagrange interaction of the complete fields (the physical plus the sum

Card 1/2

On Causality in the Theory With an Indefinite Metric SOV/56-36-5-26/76

of the nonphysical fields). Special selection of the nonphysical field spectrum makes it possible to satisfy unitarity
and macro-causality requirements in the 2. and 3. order. It is,
however, no longer possible to satisfy both postulates in the
4. order, which means that, with the assumptions made by the
authors, it is not possible to construct a unitary and macrocausal scattering matrix in a theory with indefinite metric.
There are 8 references, 3 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: November 17, 1958

Card 2/2

24(5) AUTHORS:

Slavnov, D. A., Sukhanov, A. D.

SOV/20-124-6-13/55

TITLE:

On the Problem of the Causality in the Theory With Indefinite Metric (K voprosu o prichinnosti v teorii s indefinitnoy metrikoy)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6,

pp 1229 - 1232 (USSR)

ABSTRACT:

The present paper investigates the possibility of the construction of a macrocausal theory with indefinite metric, in which case the authors base upon assumptions of a rather general nature, such as the concrete variants suggested in three earlier papers (Refs 1-3). In accordance with Heisenberg, the authors assume that the space H of the state amplitudes is subdivided into the subspace H, of the physical state amplitudes and the subspace

H₂ of the "nonphysical" state amplitudes. The total field χ (x) is represented as the sum of a physical and a "nonphysical" field. It is the purpose of the present paper to construct a unitary scattering matrix S, which acts in subspace H₁. A

Card 1/3

scattering matrix S is assumed to exist, which connects the

On the Problem of the Causality in the Theory With Indefinite Metric

SOV/20-124-6-13/55

asymptotic state amplitudes of the total space H with one another. This matrix S satisfies the usual demands of relativistic covariance, and microscopic causality. This leads factually to the following additional condition for the admissible state amplitudes:

F + UF - 0; U + U - 1. Here F denotes the state amplitude of subspace H₂. Further considerations of this paper are based essentially on the perturbation theory. The matrices S and S are therefore expanded in series with respect to the interaction constant. The following conditions are imposed upon the matrix S. 1) Relativistic covariance. 2) Unitarity SS = 1. 3)Attenuated causality. These conditions are discussed in detail. By special selection of the "nonphysical" fields it is possible to satisfy the causality condition in the second order. The matrix S (which satisfies the causality condition and the unitary condition with an accuracy up to the third order) can also actually be constructed. However, there is also the following contradiction: The unitarity condition and the causality condition are incompatible in the fourth order with the unitarity condition

Card 2/3

On the Problem of the Causality in the Theory With Indefinite Metric

SOV/20-124--6-13/55

of second order. It is therefore not possible, within the framework of the perturbation theory, to construct an S-matrix that connects the asymptotic state amplitudes of the state-space H₁ with one another, so that the conditions of unitarity and of attenuated causality would be satisfied. The author thanks B. V. Medvedev for his constant interest in the present paper and for some valuable advice, and he further expresses his gratitude to N. N. Bogolyubov, D. V. Shirokov, and M. K. Polivanov for useful discussions. There are 6 references, 3 of which are Soviet.

PRESENTED: November 10, 1958, by N. N. Bogolyubov, Academician

SUBMITTED: November 10, 1958

Card 3/3

 24,2000 (1057, 1137, 1538)

3**1792** S/056/61**/**041/006/042/054 B109/B102

AUTHORS:

Slavnov, D. A., Sukhanov, A. D.

TITLE:

Ambiguity in the determination of the interpolating field

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41,

no. 6(12), 1961, 1940-1948

TEXT: The ambiguity of the interpolating field is discussed in connection with the T product and the S matrix. In order to show that the determina-

tion of a T product $T(:y^{k_1}(x_1): \ldots: y^{k_n}(x_n):)$ which consists of non-

linear operators is arbitrary, the T' product is introduced. This chronological product may have any fixed form with equal arguments and is an integrated generalized function of all its arguments. The most general form of the T product then reads

 $T : (\varphi^{k_1}(x_1): \ldots : \varphi^{k_n}(x_n):) = \sum_{m=1}^{n} \frac{1}{m!} P ((x_1k_1) \ldots (x_{\nu_1}k_{\nu_1}) | \ldots | \ldots (x_nk_n)) \times T' (\Lambda^{k_1 \ldots k_{\nu_1}}(x_1 \ldots x_{\nu_1}) \ldots \Lambda^{\ldots k_n} (\ldots x_n)),$ (11)

where m is the number of cofactors in the T' product,

number of cofactors in the
$$x$$
 , $A^{k_1...k_{v_1}}(x_1...x_{v_1}) : \varphi^l(x_1) : A^{k_1...k_{v_1}}(x_1...x_{v_1}) : \varphi^l(x_1) : A^{k_1l}(x_1) = : \varphi^{k_1l}(x_1) : A^{k_1l}(x_1) = : \varphi^{k_1l}(x_1) : \varphi^{k_1l}(x_$

 $k_1 \cdots k_p$ 1 is a c function. A transition from the T' to the T product in (13), $S = T' \exp \left\{ ig \int_{-\infty}^{\infty} L^0(x) dx \right\},$

$$S = T' \exp\left\{ig\left(L^{0}(x)dx\right)\right\},$$

$$L^{0}(x) = \mathcal{L}(x) + \sum_{n=2}^{\infty} \frac{1}{n!} g^{n-1} \int_{0}^{\infty} L^{0}(x, x_{1} \dots x_{n-1}) dx_{1} \dots dx_{n-1}.$$
(14)

(notation of N. N. Bogolyubov, D. V. Shirkov, Vvedeniye v teoriyu kvantovannykh poley, Gostekhizdat, 1957) is possible without changing the S matrix: $S = T \exp\left\{\frac{ig}{L}(x) dx\right\}$, where L(x) is analogous to (14). From (11) it follows that

Card 2/6

31792 S/056/61/041/006/042/054 Ambiguity in the determination of the ... B109/B102

$$T (L_{\mu_{1}}(x_{1}^{1} \dots x_{\mu_{1}}^{1}) \dots L_{\mu_{k}} (\dots x_{n}^{k}) = T' (L_{\mu_{1}}(x_{1}^{1} \dots x_{\mu_{1}}^{1}) \dots L_{\mu_{k}}(\dots x_{n}^{k})) +$$

$$+ \sum_{m=1}^{k-1} \frac{1}{m!} P ((x^{1}\mu_{1}) \dots (x^{\nu_{1}}; \iota_{\nu_{1}}) | \dots | \dots (x^{k}\mu_{k})) T' (R^{\mu_{1} \dots \mu_{\nu_{1}}} (x^{1} \dots x^{\nu_{1}}) \dots \times$$

$$\times R^{\dots \mu_{k}} (\dots x^{k})) + R^{\mu_{1} \dots \mu_{k}} (x^{1} \dots x^{k}),$$
(16)

where x^k is an abbreviation of the set (x_1^k,\ldots,x_1^k) and Λ is replaced by the more general quasi-local operator $R(x_1,\ldots x_1)$. Therefrom it further follows that $iL_n(x_1,\ldots x_n)=iL_n^0(x_1,\ldots x_n)=\frac{iL_n^0(x_1,\ldots x_n)}{k!}=\frac{iL_n^0(x_1,\ldots x_n)}{k!}=\frac{iL_n^0(x_1,\ldots$

31792 s/056/61/041/006/042/054 Ambiguity in the determination of the ... B109/B102 ways: 1) ambiguity in the Lagrange function with a fixed T product; 2) ambiguity of the T product with a given Lagrange function. The relationship between the determination of the interpolating field and the ambiguity involved in the determination of the T product with a given S matrix is demonstrated by the field $\Lambda(x) = \beta^{\dagger} T(\Lambda_{in}(x)\beta)$. The integrated

form of the expression

he expression
$$T(A_{ln}(x)|S) = \sum_{l=0}^{\infty} \int dy_1 \dots dy_l P(y_1|y_2 \dots y_l) \varphi_l(y_1 \dots y_l) \times \frac{1}{l} \left(P^c(x-y_1) - Q(\square_{y_1}) K_{y_1} D^c(x-y_1) \right) : A_{ln}(y_2) \dots A_{ln}(y_l) :.$$
(46)

derived in this connection can be written as

$$T(A_{ln}(x) S) = \sum_{i=0}^{l} \int dy_{1} \dots dy_{l} P(y_{1} | y_{2} \dots y_{l}) \frac{1}{l} D^{e}(x - y_{1}) \times \left[\varphi_{l}^{1}(y_{1} \dots y_{l}) - Q(\Box_{y_{1}}) K_{y_{1}} \varphi_{l}(y_{1} \dots y_{l}) \right] : A_{ln}(y_{2}) \dots A_{ln}(y_{l}) := T'(A_{ln}(x) \widetilde{S}),$$
(47)

Card 4/6

31792 S/056/61/041/006/042/054

ambiguity in the determination of the ... B109/B102

$$\widetilde{S} = \sum_{l=0}^{\infty} \int dy_1 \dots dy_l \left[\varphi_l \left(y_1 \dots y_l \right) - Q \left(\bigcap_{V_l} K_{V_l} \varphi_l \left(y_1 \dots y_l \right) \right] : A_{ln} \left(y_1 \right) \dots A_{ln} \left(y_l \right) \dots$$

$$(48),$$

which indicates that \widetilde{S} differs from the S matrix only outside the energy surface. The ambiguity in the interpolating field, found by H. J. Borchers (Nuovo Cim., 15, 784, 1960), can be interpreted as an ambiguity in the (Nuovo Cim., 15, 784, 1960), can be interpreted as an ambiguity in the other hand, determination of the T product with a given S matrix. On the other hand, every ambiguity in the interpolating field can be regarded as an ambiguity every ambiguity in the interpolating field can be regarded as an ambiguity of interpolating fields corresponds to a given S matrix outside the energy of interpolating fields corresponds to a given S matrix outside the energy surface and, conversely, some forms of the S matrix outside the energy surface and, conversely, some forms of the S matrix outside the energy surface and, conversely, some forms of the S matrix outside the energy surface correspond to an interpolating field. It is pointed out that a surface correspond to an interpolating field. It is pointed out that a surface correspond to an interpolating field. It is pointed out that a

informative. B. V. Medvedev is thanked for interest, and M. K. Polivanov informative. B. V. Medvedev is thanked for interest, and M. K. Polivanov for discussions. There are 6 references: 3 Soviet and 3 non-Soviet. The for discussions. There are 6 references: 3 Soviet and 3 non-Soviet. The reference to the English-language publication reads as follows: C. N. rang, b. Feldman, Phys. Rev., 79, 972, 1950.

31792 S/056/61/041/006/042/054 Ambiguity in the determination of the ...

ASSOCIATION:

Moskovskiy gosudarstvennyy universitet (Moscow State University), Akitematicheskiy institut Akademii nauk SSSR (Institute of Mathematics of the Academy of Sciences USSR)

SUB. :1 TTED: July 14, 1961

Card 6/6

CIA-RDP86-00513R001651310013-0" APPROVED FOR RELEASE: 08/25/2000

s/056/62/042/006/020/047 B104/B102

AUTHOR:

Slavnov, D. A.

TITLE:

The elimination of divergences from the scattering matrix Zhurnal eksperimental noy i teoreticheskoy fiziki, v. 42,

PERIODICAL:

TEXT: A construction for a divergence-free scattering matrix is suggested. Therein the product of the chronological folding is directly defined as an integrable general function without introducing any compensating quantities. The only products considered are those obtained as T-exponents in the solution of the usual expression for the S-matrix. The product of the chronological folding is so defined that it not only guarantees the convergence of all matrix elements but also ensures that the S-matrix satisfies the conditions of causality and unitarity. The absence of diverging expressions from all stages of the calculation makes it possible to define the chronological folding as a limiting value of certain functions. If certain conditions are imposed on the parameters of these functions all S-matrix elements become finite and correspond to regularized Card 1/2

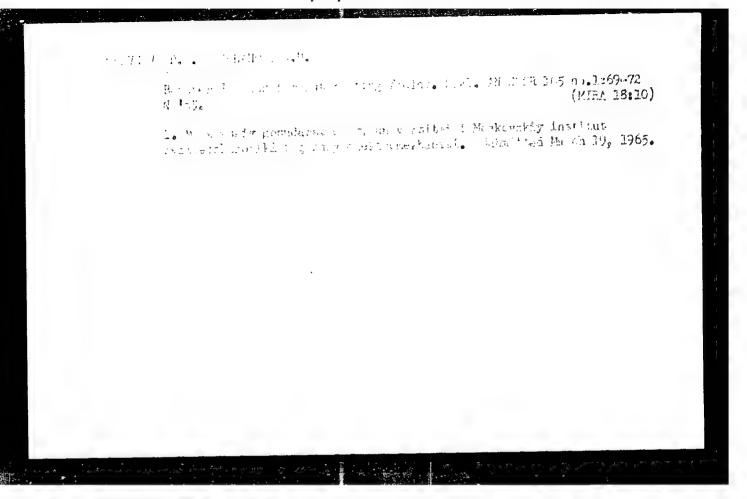
,5500	S/020/62/143/003/013/029 B104/B102
AUTHOR:	Slavnov, D. A.
	Generalized nature of the Generalized nature of the Akademiya nauk SSSR. Doklady, v. 143, no. 3, 1962, 570 - 573 Akademiya nauk SSSR. Doklady, v. 143, no. 3, 1962, 570 - 573 author discusses the disadvantages of the commutation function
$D(x) = \frac{1}{(2\pi)^3 i} \int_{-\infty}^{\infty}$	$e^{ikx}e(k^0)\delta(k^2-m^2)dk$. (1) by restricting himself to real scalar limit representation $D(x)=\frac{1}{2\pi}\lim_{n\to\infty}\Delta(x,\mu)$, (2) of the commuta-
tion functi	on is given. This representation and an adequately defined on is given. This representation and an adequately defined is $\Delta(x,\mu)$ is
representes	$\Delta(x, \mu) = \int dR e^{-x} \Delta \int dR = 1$
Pauli-Vill Card 1/3	tion of the D functions is equivalent to the Inverse $\alpha=0,1,\ldots,p$, (4) are auxiliary mass. If condition $\sum_{i} C_{i}(\mu) \Re_{i}^{2}(\mu) = 0$, $\alpha=0,1,\ldots,p$, (4)

		The second second section of the second second section	-
Generalized r	pature	S/020/62/143 B104/B102	3/003/013/029
is fulfilled,	$\int dx g(x) D(x) = \frac{1}{(2\pi)^{3/2}} \lim_{x \to \infty} \int dx$	$ix g(x) \Delta(x, \mu)$, (5). For the	ne application
of (2), the o	conditions i) $\lim_{n \to \infty} C_{\ell}(\mu) = C_{\ell}$		
	2) $C_0 = 1$; 3) $\mathfrak{M}_{\ell}(\mu) < A$ (e)	e) при µ > е;	
	4) $\lim_{n\to 0} \mathfrak{M}_0(\mu) =$		
	5) $\mathfrak{M}_{l+0}(\mu) \rightarrow \infty$	(0) 11145.0	e satisfied. The
operators and	vectors of state are	sure of the commutation f studied. The author that sepanov for discussions a	nks N. N. Bogol-
are 2 referen	ces: 1 Soviet and 1 n	on-Soviet.	and advice. There
ASSOCIATION:		ennyy universitet im. M. ity imeni M. V. Lomonoso	
PRESENTED:	November 15, 1961, by	N. N. Bogolyubov, Acade	mician

SLAVNOV, D.A.

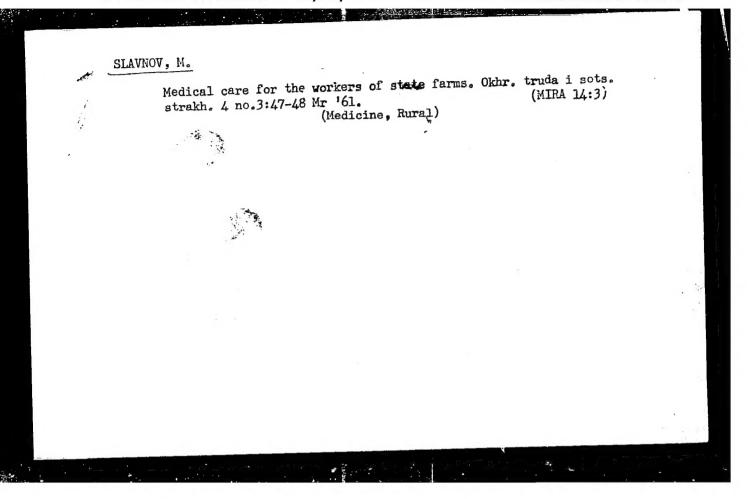
Equations for regularized Green functions. Zhur. eksp. 1
teor. fiz. 47 no.1:224-231 J1 '64. (MIRA 17:9)

1. Moskovskiy gosudarstvennyy universitet.



Cytologic test in the diagnosis of radioresistent cencer of the uterine cervix. Akush. ginek. (Sofiia) 4 no.1:21-27 165.

l. WMI, Plovdiv, Akushersko-ginekologichna klinika (Rukovoditel: prof. L. Lambrev).



SLAVNOV, M. (Vil'nyus)

Maturity is achieved through work. Sov. profesoiuzy 19 no.22:

(MTRA 17:1)

35 D'63.

